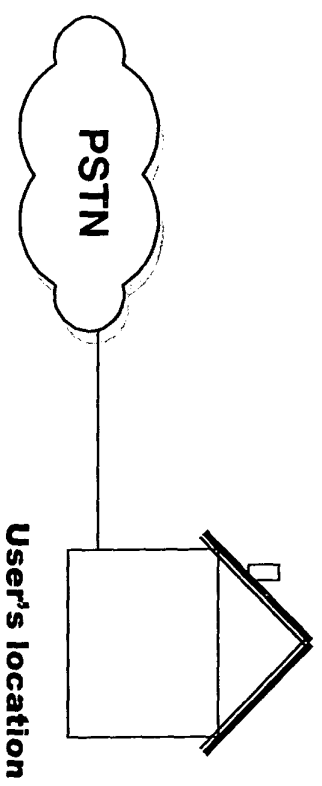


Fig 1

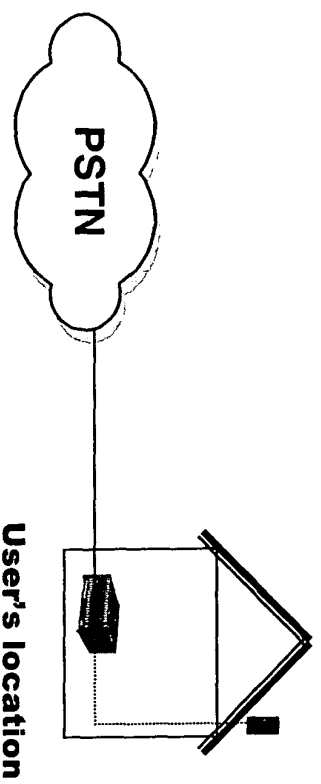


Today's current setup: A user connected to the PSTN

PSTN: Public Switched Telephony Network

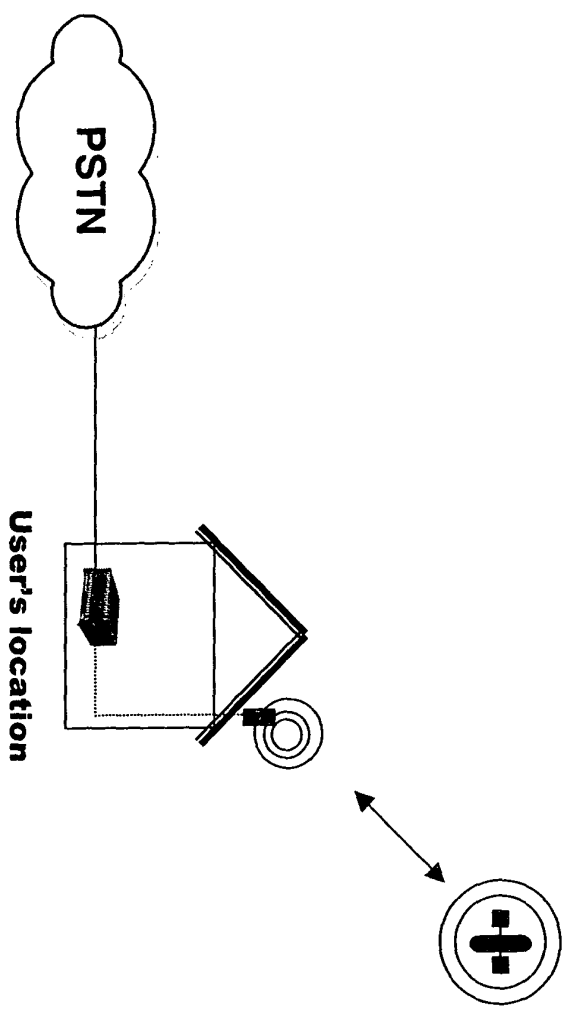
Fig 2

A processing device installed at the user's location



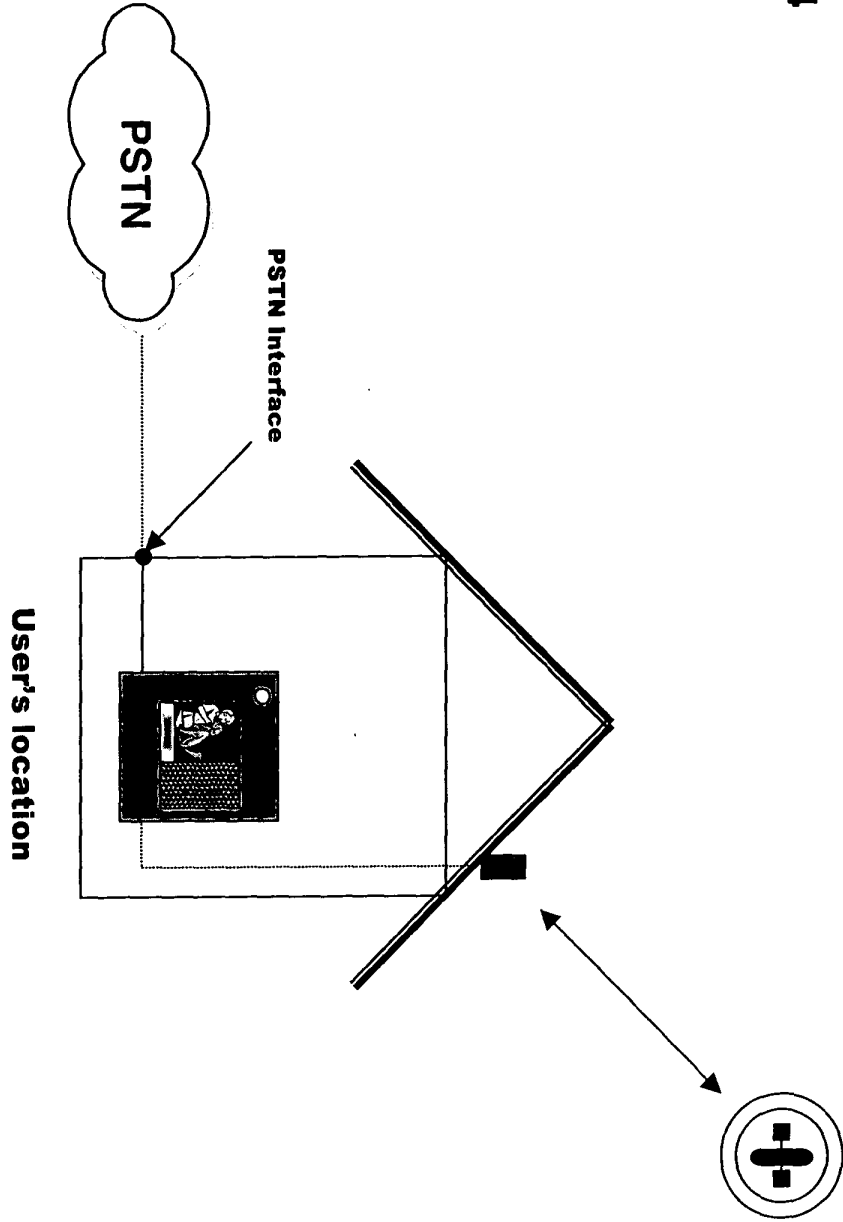
**A processing device installed at the user's location to transmit and receive call data from a wireless system
And to transmit and receive call data from the PSTN. The link between the wireless system and the PSTN is
through this processing device.**

Fig 3



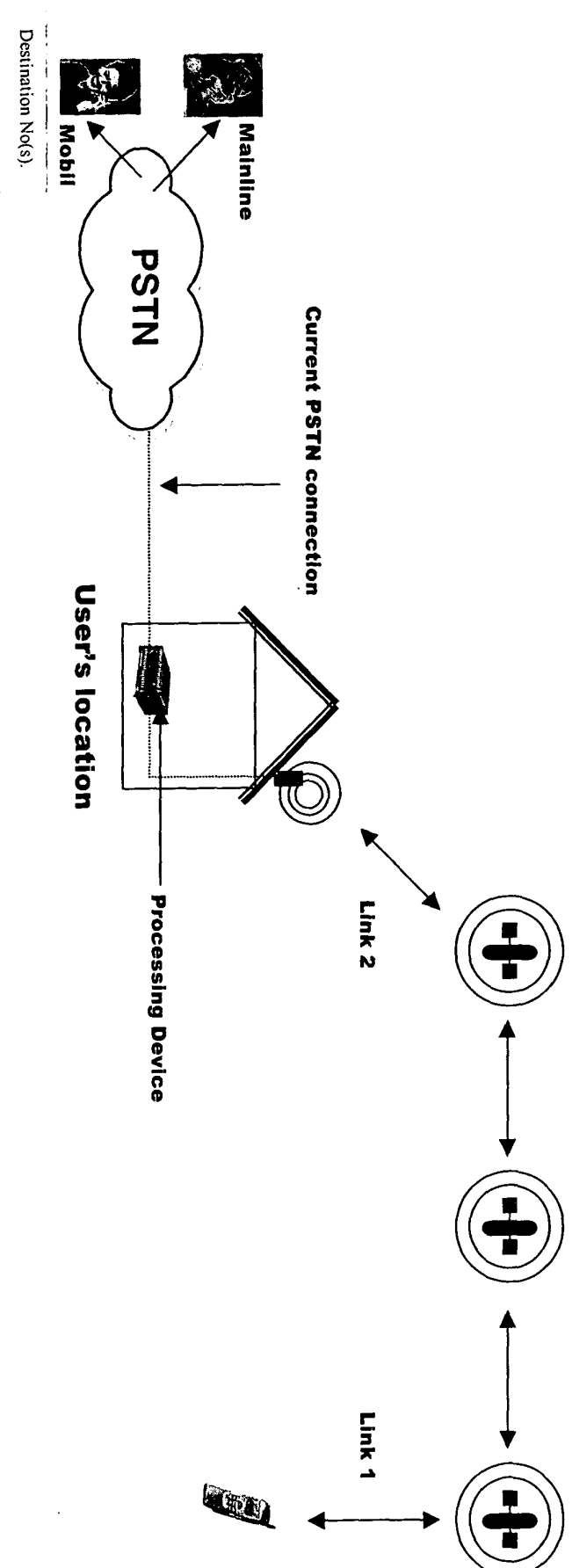
The wireless system (depicted here as a satellite system) sends call data to the user's location.

Fig 4



The base station sited at a user's premise.

Fig 5



- A mobile unit initiates a call. The call is transmitted to the satellite (Link 1)
(Uplink being defined as signals travelling from the mobile unit to the satellite)
- The sat lite(s) receives circuit data.
- Sat lite downloads circuit data to the sender's processing device (Link 2)
(Downlink being defined as signals travelling from the satellite to the user's site)
- Processing device is in receipt of desired phone number and dials into the PSTN.